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Effects of moisture in the ore on the reduction of iron
oxides. V. T. Bragin (Ural Branch Acad. Sci. U.S.S.R.,
Sverdlovsk). "Izv. Akad. Nauk S.S.R., Otdel. Tekh.
Nauk" 1954, No. 10, 31-8.—The reduction of brown iron ore
(in 3-4-mm. pieces) with C, with and without a preliminary
drying (at 550°) and resatin, with moisture, has led to the
conclusion that the moisture normally present in the ore
does not affect its reduction under conditions normally
existing in a blast furnace. An autocatalytic reduction of
brown iron ore at 300° was substantiated, and an indirect
effect of the water upon the reduction of the ore, owing to
the decomprn. of CO during a gradual temp. rise, was ob-
served.

W. M. Sternberg

BRAGIN, V.T.

PHASE I BOOK EXPLOITATION

SOV/4601

Koordinatnoye soveshchaniye po primeneniyu kisloroda na metallurgicheskikh zavodakh Urala. Sverdlovsk, 1956

Primeneniye kisloroda na metallurgicheskikh predpriyatiyakh Urala; materialy koordinatsionnogo soveshchaniya (Use of Oxygen in Metallurgical Plants of the Urals; Materials of the Coordination Conference) Sverdlovsk, 1960. 152 p. Errata slip inserted. 1,000 copies printed.

Sponsoring Agencies: Akademiya nauk SSSR. Ural'skiy filial. Institut metallurgii; Ural'skiye pravleniya nauchno-tehnicheskikh obshchestv chernoy i tsvetnoy metallurgii.

Resp. Ed.: P.S. Kusakin, Candidate of Technical Sciences; Tech. Ed.: N.F. Seredkina.

PURPOSE: This collection of papers is intended for scientific research and technical personnel in the field of metallurgy.

COVERAGE: The use of oxygen in ferrous and nonferrous metallurgy of the Urals is discussed. Results of experimental use of oxygen in some metallurgical plants are presented. During the Conference, held December 20 and 21, 1956, the following persons (in addition to the authors) took part in

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Use of Oxygen (Cont.)

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the discussion: V.Ya. Miller, V.V. Mikhaylov, P.Ya. Sorokin, A.A. Perestoroinin (all affiliated with the Institute of Metallurgy of the Ural Branch AS USSR), S.M. Kazachenko (Nizhne-Saldinsky metallurgicheskiy zavod - Nizhnyaya-Salda Metallurgical Plant), M.F. Kochin (Deceased) (Ural'skiy institut chernykh metallov - Ural Institute of Ferrous Metals), M.Ye. Kislytsin (Chelyabinsk metallurgicheskiy zavod - Chelyabinsk Metallurgical Plant), G.V. Demin (Krasnouralskiy medeplavil'nyy zavod - Krasnouralsk Copper Smelting Plant), V.A. Aglitskiy (Institut Unipromed' - "Unipromed" Institute). Some of the papers are followed by references, both Soviet and non-Soviet.

TABLE OF CONTENTS:

Introduction

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Revebtsov, V.P. Institut metallurgii Ural'skogo filiala AN SSSR [Institute of Metallurgy of the Ural Branch of the Academy of Sciences USSR]. On the Problem of Determining Basic Trends in the Use of Oxygen in Ural Metallurgical Plants

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Card 2/5

Use of Oxygen (Cont.)

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Bragin, V.T. [Institute of Metallurgy of the Ural Branch of the Academy of Sciences USSR]. Theoretical Principles in the Use of Oxygen in the Blast-Furnace Process

11

Zakharov, A.F. [Nizhne-Tagil'skiy metallurgicheskiy kombinat (Nizhniy Tagil Metallurgical Combine]. Experimental Use of Oxygen in Blast-Furnace Operation

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Borisov, Yu.S. [Ural'skiy nauchno-issledovatel'skiy institut chernykh metallov (Ural Scientific Research Institute of Ferrous Metals)]. Use of Oxygen-Enriched Blast in Blast-Furnace Operation

37

Novolodskiy, P.I. [Nizhniy Tagil Metallurgical Combine]. Experimental Use of Oxygen in Open Hearth Furnaces

43

Khudyakov, N.A. [Ural Scientific Research Institute of Ferrous Metals]. Use of Oxygen in Open Hearth Furnaces

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Mikhaylikov, S.V., and V.N. Krysov [Institute of Metallurgy of the Ural Branch of the Academy of Sciences USSR, Uralvagonzavod (Ural Railroad Car Plant)]. Experimental Use of Oxygen in the "Uralvagonzavod"

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BRAZIN, V.I.

PAGE 1 BOOK EXPLANATION

REV/4613

Almaty and Noginsk Metallurgical Institute
Voprosy Kontrolya I Kompilatsii Tekhnicheskikh Materialov po Metalloobrabotke i Osnovnym Materialam v Metalloindustrii (Problems of Control and Complete Utilization of New Materials in Metal-
lurgy) Naukova Dumka, 1960. 194 p. (Series: Met. Sistem, vyp. 5) Kratko-
sloj Issledov., 1,000 copies printed.

Sergei M. V. Kochnev, and V. P. Chernoborodov Candidates of Technical
Sciences, Mi. of Publishing House; T. N. Durdin' Tech. Sci.; I. A. Emel'chenko,
and N. F. Serezhina.

PURPOSE: This collection of articles is intended for technical personnel of
metallurgical plants and for members of scientific research institutes.

CONTENT: The collection contains articles discussing a variety of problems
pertaining to ferrous and nonferrous metals. A number of articles
give the new method for investigating the properties of alloying and additive
and review changes which have a positive or negative effect
on temperature and other factors. Findings of studies are summarized.
A number of articles and processes to be used for manufacturing ferrous
and nonferrous steels are suggested. Characteristics of various
metal compounds are given and measures for the most efficient utilization of
them are indicated. Some of the articles are devoted to the study of problems
of manufacturing ferrous, nonferrous, and rare metals. The selection of
copies was made on the basis of the need for material related to the development
of the quality control of alloys and the manufacturing processes mentioned
by references, most of which are Soviet.

EDITOR, Sub: On the Problem of Producing Naturally-Alloyed Vanadium Steel
from Vanadium Pig Iron and Manganese by Flotation

Krasavin, V.P. Separation of Carbon Monoxide on the Zinc Monoxide Deposition
Process

X Serezhina, V.F. Secondary Hydriding of Iron Monoxide

Kochnev, M.V. (Candidate) Ways of Utilizing the Black [Tungsten] Oxide

Kochnev, M.V., and O.A. Yerin. Concerning Transfer of Iron With the
Flow in the Electrolysis of Melting Iron Silicate

Sobolev, M.L., and P.P. Plotnikova. Regularity Patterns in Changes of the
Electrical Resistance of Cobalt and Copper Alloys

Mol'rov, E.D. and P. N. Druzhin. Microscopic Investigation of Products Re-
sulting From Substitution of Metal Monoxides With Element Monoxides
Belov, Yu. I., and I.P. Plotnikov. Interaction of Antibiotic Saltlike and
Tin Trioxide in Liquid Phase

X Plotnikov, N.P., and V.I. Belov. Study of the Interaction of Antibiotic
Saltlike and Oxide in Gaseous Phase

Demidov, N.P., P.S. Druzhin, I.P. Plotnikov (Candidate), A.A. Pereskokova,
and V.N. Slobodchikova. Effect of Temperature on the
Electrolytic Conductivity of Copper and Zinc-Sulfur Compounds

X Slobodchikova, A.V., and I.P. Plotnikov. Effect of Highly Sulfurous Cables
on Electrical Resistivity

Slobodchikova, A.V., and L.S. Gorshkov. Determination of Small Quantities
of Sulfur in Absolute Copper

X Slobodchikova, A.V., and I.S. Gorshkov. Polarographic Method of Determin-
ing Sulfur in Copper and Lead-Containing Compounds

Druzhin, N.D., and P.G. Druzhin. Electrical Conductivity of Melts of the
Mg-Al-Si System

X Slobodchikova, N.A., and P.S. Druzhin. Equilibrium Diagrams of the Mg-Al-Si
System

Slobodchikova, A.V., and P.A. Plotnikov. Effect of Impurities on the
Rate of Calcination of Magnesium Oxide for Melting Chloride Salts

X Slobodchikova, A.V., and P.A. Plotnikov. Effect of Certain Factors on the
Rate of Calcination of Magnesium Oxide

X Plotnikov, P.P., and Z.E. Rostov. On the Recovery of Sulfuric Acid and
Sulfur from Melts of Sulfide Solutions

X Slobodchikova, N.A., and P.S. Druzhin. Library of Congress

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BRAGIN, V.T.

Effect of carbon monoxide on the ferric oxide dehydration
process. Trudy Inst.met.UFAN SSSR no.5:61-68 '60. (MIRA 13:8)
(Carbon monoxide) (Dehydration (Chemistry))

BRAGIN, V.T.

Secondary hydration of ferric oxide. Trudy Inst.met.UFAN
SSSR no.5:69-76 '60. (MIRA 13:8)
(Hematite) (Hydration)

BRAGIN, V.T.

Manganese and its role in ferrous metallurgy. Trudy Inst. met.
UFAN SSSR no.7:5~20 '61. (MIRA 16:6)
(Manganese--Metallurgy)

OSTROUKHOV, Mark Yakovlevich; TIMOFEEV, Ivan Georgiyevich; BRAGIN,
Vladimir Timofeyevich; KRYZHCOVA, M.L., red. izd-va; MAL'KOVA,
N.P., tekhn. red.

[Life of blast-furnace charging equipment during operation at
high-gas pressure] Sluzhba zasypanykh apparatov domennykh pechei
pri rabote s povyshennym davleniem gaza. Sverdlovsk, Metal-
lurgizdat, 1962. 74 p. (MIRA 15:7)
(Blast furnaces--Equipment and supplies)

KRAVTSOV, V.G.; BRAGIN, V.V.

Modern methods for rubber compound feeding to the calender
spacing. Kauch. i rez. 23 no.6:50-52 Je '64.

(MIRA 17:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy i konstruktorskiy
institut po oborudovaniyu dlya shinnoy promyshlennosti.

BRAGIN, V.V.; KRAVTSOV, V.G.

Assembly of tire treads from widened cord plies. Nauch.i rez. 24
no.1450-52 Ja '65.
(MIRA 18:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy i konstruktorskii institut
po oborudovaniyu dlya shinnoy promyshlennosti.

4-15620-66 ENT(m)/EWP(j)/T
ACC NR: A'6000969

RM

(A)

SOURCE CODE: UR/0286/05/000/022/005573056

AUTHORS: Bragin, V. V.; Reshetyan, A. N.

OIG: none

TITLE: Equipment for a tire casing assembling machine. Class 39, No. 176385
Announced by All-Union Scientific Research and Construction Institute of Equipment
for the Tire Industry (Vsesoyuznyy nauchno-issledovatel'skiy i konstruktorskiy
institut po oborudovaniyu dlya shimanoy promyshlennosti)

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 22, 1965, 55-56

TOPIC TAGS: tire, tire assembly, pneumatic device, engineering machinery, rubber
working machinery

ABSTRACT: This Author Certificate presents equipment for a machine assembling tire casings from broadened layers of cord. This equipment consists of a main drum and of auxiliary drums provided with a lower (pushing) and upper (rolling) chambers. To simplify the construction, to increase the productivity, and to improve the quality of the tire casing assembly, the lower chamber is made in the form of a cylindrical pushing diaphragm reinforced with fabric or cord. Air is fed into this diaphragm through that segment which is not covered by the rolling chamber, from the direction opposite to the main drum (see Fig. 1). To provide for a positive and accurate spreading of the main assembly drum, sectors of the latter contain knuckles with

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UDC: 678.065.059.002.72

L 13620-66

ACC NR. AP6000969

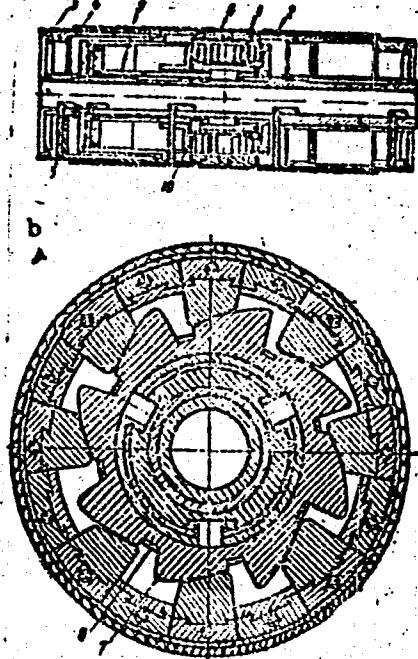


Fig. 1. - Main assembly
1 - main assembly drum; 2 - auxiliary drums;
3 - pushing diaphragm;
4 - rolling chamber;
5 - air feed to the diaphragm;
6 - sectors of the main drum;
7 - knuckles; 8 - threaded openings;
9 - pneumatic piston; 10 - push-rods.

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CIA-RDP86-00513R000206720009-5

L 13620-66
ACC NR: AP6000969

threaded openings. These knuckles interact through push-rods with a pneumatic piston placed within the main drum. Orig. art. has: 1 figure.

SUB CODE: 13/

SUBM DATE: 02Dec63

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BRAGIN, Y.S. A.

37508 Bragin, E. A. Gigiyenicheskiye zadachi v Dete Vosstanovleniya Razrushennykh Gorodov. V SB: XII Vsesoyuz. S"yeZD Gigiyenistov, epidemiologov, Mikrobiologov i Infektsionistov. T. I. M., 1949, S 55-56

SO: Letopis' Zhurnal'nykh Stately Vol. 37, 1949

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206720009-5"

LESHCHINSKIY, L.Z.; LEVTEROV, A.M.; BRAGIN, Ye.A.

Reorganization of the refractories industry. Ogneupory 29 no. 3:
104-108 '64
(MIRA 17:3)

1. Magnitogorskiy metallurgicheskiy kombinat.

BRAGIN, Yu.A.

Using the time-of-arrival method to measure density. Trudy TSAO
no.42±101-108 '62.
(Gases—Analysis) (Ions—Migration and velocity)
(MIRA 15:12)

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206720009-5

BRAGIN, Yu.A.

Possibility of using the method of electrical catches for measuring
the mobilities and concentrations of charged particles in the
atmosphere. Trudy TSAO no.42:109-115 '62. (MIRA 15:12)
(Air—Analysis) (Ions—Migration and velocity)

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"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206720009-5

KRAGIN, Yu.A.

Measuring the density of gas by the method of determining the transit length of lithium ions. Trudy TSAO no.42:116-118 '62.

(Gases—Analysis) (Ions—Migration and velocity) (MIRA 15:12)

APPROVED FOR RELEASE: 06/09/2000

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L 1276-64
ACCESSION NR: AP3006693

EWT(1)/BDS AFFTC/ASD/ESD-3 RB/RD/CZ/MLK(a)
S/0286/63/000/008/0052/0052

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B

AUTHOR: Bregin, Yu. A.

TITLE: Device for measuring concentration and mobility of ions in the atmosphere. [Author's certificate NR 154066 class G Olk, 42i, 20sub01]

SOURCE: Byul. izobreteniya i tovarnykh znakov, no. 8, 1963, 52

TOPIC TAGS: atmosphere ionization measurement, atmospheric ion concentration, atmospheric ion mobility

ABSTRACT: A device (See Enclosure 1) for measuring concentration and mobility of ions in the atmosphere, which includes a cylindrical intake adapter, two shielded screens - electrodes arranged at a predetermined distance from each other, a collector, an electrometer, and a radio transmitter, characterized in that, to make measurements in upper rarefied atmospheric layers from a moving object, for example a rocket, the screens-electrodes are connected to a generator of alternating current with a frequency commutator and are mounted in an inner housing of the adapter perpendicularly to its longitudinal axis,

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ACCESSION NR: AP3006693

and the collector is fastened on the bottom of the adapter in front of an outlet perpendicularly to the incoming stream. Orig. art. has one figure.

ASSOCIATION: none

SUBMITTED: 31May62

SUB CODE: AS, PH

DATE ACQ: 30Sep63

NO REF Sov: 000

ENCL: 01

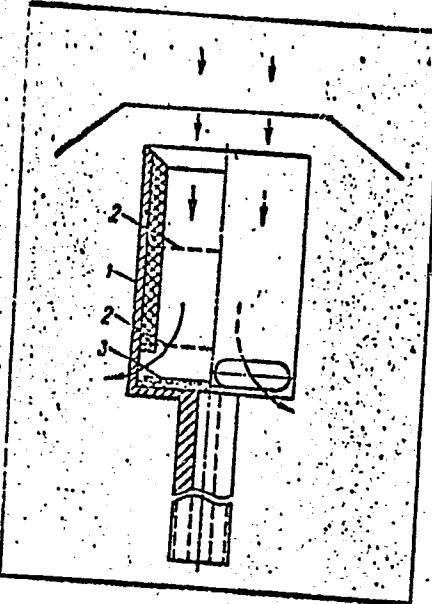
OTHER: 000

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ACCESSION NR: AP3006693

ENCLOSURE NR: 01

1. cylindrical intake adapter;
2. screens - electrodes;
3. collector.



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ACCESSION NR: AT3015008

S/2789/63/000/046/0096/0100

AUTHOR: Bragin, Yu. A.

TITLE: Method of measuring the concentration of charged particles in air

SOURCE: Tsentral'naya aerologicheskaya observatoriya. Trudy*, no. 46, 1963, 96-100

TOPIC TAGS: charged particle concentration, charged particle density, charged particle concentration in air, charged particle density in air, atmospheric particle concentration, atmospheric ion concentration, upper atmosphere, rocket field

ABSTRACT: This is a continuation of work reported earlier (Trudy TsAO, no. 42, 1962), dealing with a method based on the drift time of a particle between two periodically opening electric shutters. The present article deals with the influence of the particle's own charge on the distribution of the charged particles at the inlet to the instrument in a dense gas (up to 10^{-2} mm Hg). Gas-dynamic relations are derived relating the concentrations measured in the chamber

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ACCESSION NR: AT3015008

ber of the instrument with the corresponding values in the unperturbed atmosphere. The modifications that must be introduced in the measurement procedure described in the earlier article to allow for the gas-dynamic considerations (at supersonic speed) are then described. It is shown that neither this change nor the action of the solar radiation change the atmospheric concentrations in the working pressure range. Orig. art. has: 1 figure and 4 formulas.

ASSOCIATION: Tsentral'naya aerologicheskaya observatoriya (Central Aerological Observatory)

SUBMITTED: 00

DATE ACQ: 30Nov63

ENCL: 00

SUB CODE: GP

NO REF Sov: 007

OTHER: 003

Card 2/2

ACCESSION NR:	AP4045561	S/0286/64/000/015/0066/0066
AUTHOR:	Bragin, Yu. A.	B
TITLE:	Bragin device for gas density measurement. Class 42, No. 164456	
SOURCE:	Byul. izobr. i tovar. znakov, no. 15, 1964, 66	
TOPIC TAGS:	gas density, <u>gas density measurement</u> gm	
ABSTRACT:	The patent describes a measuring device for gas density which consists of a source of positive lithium ions, electrodes, an electrometer collector, and a power supply unit. In order to measure the density of an undisturbed gas flow, the electrodes are designed in the form of parallel wedges with a source of ions and the collectors mounted on the edges.	
ASSOCIATION:	none	
SUBMITTED:	28Feb61	ATD PRESS: 43109 ENCL: 00
SUB CODE:	ME	NO REF Sov: 000 OTHER: 000
Cord 1/1		

L 16558-65

ACCESSION NR: AP4045562

S/0286/64/000/015/0066/0066

AUTHOR: Bragin, Yu. A.

TITLE: Method for determining the molecular weight of gas. Class 5
42, No. 164458

SOURCE: Byul. izobr. i tovar. znakov, no. 15, 1964, 66

TOPIC TAGS: gas molecular weight, ion-drift, ion drift velocity

ABSTRACT: This Author Certificate introduces a method for determining the molecular weight of gas. Measurements are made of the ion drift velocity at pressures of 10^{-1} — 10^{-4} mm Hg in the investigated gas and the distance traveled by ions towards the collector after the current has been cut off. The molecular weight of gas can be judged by the magnitude of the ratio of the square of the velocity to the distance traveled. The distance traveled by ions towards the collector after the current between the electrode and the collector has been cut off is characterized by the current in the collector.

ASSOCIATION: none

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ACCESSION NR: AP4045562

SUBMITTED: 03Jul62

ENCL: 00

SUB CODE: ME, NP

NO REF SOV: 000

OTHER: 000

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CIA-RDP86-00513R000206720009-5"

L-17638-65 EWI(1)/FCC/EMA(h) Po-4/Pg-4/Page-2/Rev AFML/SSD(a)/SSD/AEDC(a)/
AFCTR/AFTC(a) GI

ACCESSION NR: AP5000173

S/0293/64/002/006/0917/0919

AUTHOR: Eragin, Yu. A.

TITLE: Measurement of atmospheric density within the altitude range of 50 to 70 km B

SOURCE: Kosmicheskiye issledovaniya, v. 2, no. 6, 1964, 917-919

TOPIC TAGS: meson, mesosphere, atmospheric density, ionic densitometer, Li ionic probe, rocket probe

ABSTRACT: This article describes a method for measurement of atmospheric density by simple conversion of output telemetry signals into density values by means of calibration curves. The basis of this method is that the trajectories of Li-ions, injected as probes of atmospheric density, distribute preferentially in an open zone of undisturbed supersonic air flowing around the rocket. Such a region occurs between surface shock wave discontinuities generated by forward-facing thin and sharp elements of the sensor. The operational principle of the densitometer (see Fig. 1 of the Enclosure) is as follows. In the electric field, Li-ions move from source 1 toward collector 2. Across their path are two grids 3, parallel to the source and collector. Ionic current is recorded by electrometer amplifier 4, and its output signals proceed to telemetry transmitter 5. The grid voltages are periodically

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ACCESSION NR: AP5000173

switched on and off by commutator 6. Two ionic currents are measured at the amplifier output: (1) Li-ionic current I_p , during the time that the field intensity throughout the space between the source and plate remains constant and (2) ionic current I , observed when the electric accelerating field between the grids is removed. In this way, under specific conditions of electrode supply, the ions moving between the source and collector pass throughout the investigated layer of air, and due to the collisions with neutral air molecules, are slowed down in moving toward the collector. The number of collisions is proportional to the air density. The ratio I/I_p is related to density by the formula

$$\frac{I}{I_p} = \sqrt{\ln\left(1 - \frac{d \cdot \rho}{C_d}\right)},$$

where ρ is the air density, d is the distance between grids, and C_d is the constant. The curve for $\log \rho = f(I/I_p)$ serves as a calibration curve for the device. In measurements of the free space density by an open-type densitometer, a parasitic electric current caused by solar radiation (10^{-10} a/cm^2) must be added to the useful ionic current (10^{-8} – 10^{-7} a/cm^2). The disturbing effect of pick-up structural elements on the atmospheric air in the area of measurements was not fully eliminated during the experiments. It was found, however, that the difference between the directly measured density and the true density of the atmosphere does not exceed 20–30%. Orig. art. has: 3 figures.

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"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206720009-5

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ACCESSION NR: AP5000173

ASSOCIATION: none

SUBMITTED: 30Mar64

ENCL: 01

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SUB CODE: ES, EC

NO REF SOV: 008

OTHER: 001

ATD PRESS: 3151

Card 2/4

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206720009-5"

L 17638-65
ACCESSION NR: AP5000173

ENCLOSURE: 01

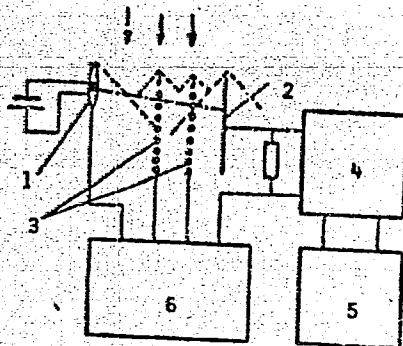


Fig. 1. Diagram of the densitometer

1 - Source of Li-ionic current; 2 - collector; 3 - grids; 4 - electrometer amplifier; 5 - TM transmitter; 6 - commutator.

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L-41814-65 FSS-2/ET(1)/EEC(m)/ENG(v)/FCC/EEC-4/SEC(t)/EWA(h) Po-4/Pe-5/
Po-4/Pe-2/PeB/PI-4 GI-2
ACCESSION NR: AP5005446 S/0293/65/003/001/0168/0172

AUTHOR: Bragin, Yu. A.

TITLE: Direct measurements of the concentration of charged particles in the stratosphere and mesosphere

SOURCE: Kosmicheskiye issledovaniya, v.3, no. 1, 1965, 168-172

TOPIC TAGS: stratosphere, mesosphere, upper atmosphere, charged particle, aeronomy, electron concentration, ion concentration

ABSTRACT: There are now two main approaches for the design of research apparatus for measuring the ion and electron concentration in the stratosphere and mesosphere: improvement of spectrometers, probes and similar instruments now used above 90 km so as to reduce their working ceiling, and the use of instruments now employed at the earth's surface, in aircraft and on pilot balloons for measurement of the ion concentration in rocket investigations at heights of 30-80 km. This paper illustrates both approaches: a modification of the old method used earlier for investigation of the ion composition of surface air and a new method specially developed for rocket measurements of the ion content at heights of 30-80 km. Two rocket experiments were carried out to determine the ion concentration at heights of 20-80 km. The second experiment, described first, was based on the aspiration

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ACCESSION NR: AP5005446

method. The sensor was a cylindrical capacitor through which air passes, while the collector was an inner cylinder — a wire, whose potential was approximately equal to the potential of the rocket. The ion current passing through the collector was recorded using an electrometric amplifier and then the measurements were transmitted to earth. The commutator applied the required potential to the outer cylinder of the capacitor. The apparatus used in the first experiment consists of a cylindrical tube for flow of air with a known cross section F which is separated from the flow passing around the rocket by means of a cylindrical intake. The flow of atmospheric ions moving together with the air in the cylinder determines the measured ion current I in the collector which collects the ions at the end of their path through the intake. The electrodes mounted within the cylinder make it possible to modulate the flux of positive ions, thereby separating the positive ions passing through the intake from other charged particles, and to measure the velocity of the ions in the chamber. The results shown in Fig. 1 of the Enclosure show that at heights of 15-40 km there is a region with a high content of charged particles in the atmosphere (the dashed line denotes the region where the measured current is less than the sensitivity of the instrument). The profile is of the total concentration of charged particles in the middle latitudes of the northern hemisphere. The upper ionized region,

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ACCESSION NR: AP5005446

situated between 100 and 1,000 km, consists for the most part of positive ions and electrons and was formed by absorption of the short-wave part of solar radiation. The lower ionized maximum (15-40 km) consists of positive and negative ions. "The author thanks Ye. G. Shviakovskiy for useful advice". Orig. art. has: 3 formulas and 3 figures.

ASSOCIATION: none

SUBMITTED 30Mar64:

ENCL: 02

SUB CODE: ES

NO REF SOV: 007

OTHER: 007

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L 42386-65 EWP(e)/EMT(m)/EMP(i)/EPF(n)-2/EWP(t)/EWP(b) Pu-4 IJP(c) WH/JD/JG

ACCESSION NR: AP5008685

S/0075/65/020/003/0305/0308

AUTHOR: Bragin, Yu. A.; Starilova, S.V.

TITLE: Use of a thermionic source of positive lithium ions in the analysis of certain gas mixtures

SOURCE: Zhurnal analiticheskoy khimii, v. 20, no. 3, 1965, 305-308

TOPIC TAGS: lithium ion, gas analysis, qualitative analysis, thermionic ion source, ion spectrum, ion drift velocity, spodumene

ABSTRACT: The article discusses a method for determining the spectrum of ions present in a dense gas from their drift velocities. The drift velocity and the ion current produced in this case by lithium ions depend on the nature of the neutral gas through which the ions are moving. This makes it possible to analyze gas mixtures by means of a well-studied source of positive lithium ions (spodumene heated to dark-red heat). The authors derive an expression for the dependence of the ion current reaching the collector of the detector on the diameter of the molecule of the neutral gas, the ratio of the heat capacities, the molecular weight of the gas, and the mobilities of the lithium ions in the latter. Experimental values of the ratios of ion currents in hydrogen, oxygen, carbon dioxide, chlorine, hydrogen chloride, and chlorovinyl vapors to the ion current in nitrogen are given. The method

Card 1/2

L 12386-65

ACCESSION NR: AP5008685

described is applicable to the analysis of certain gaseous products of organic synthesis.
Orig. art. has: 3 figures, 1 table, and 7 formulas.

ASSOCIATION: none

SUBMITTED: 26Feb64

ENCL: 00

SUB CODE: IC , GC

NO REF SOV: 003

OTHER: 004

Card 2/2

L 36415-66 FSS-2/EWT(1)/FCC GW

ACC NR: AP6019598

SOURCE CODE: UR/0293/66/004/003/0453/0456

AUTHOR: Bragin, Yu. A.

ORG: none

TITLE: Direct measurements of the concentration of ions and electrons in the stratosphere and mesosphere

SOURCE: Kosmicheskiye issledovaniye, v. 4, no. 3, 1966, 453-456

TOPIC TAGS: atmospheric probe, atmospheric ion concentration, electron density

ABSTRACT: Measurements of the concentration of ions and electrons in the atmosphere below 80 km are discussed. The measurements were made with three rocket probes from the research ship "Yu. M. Shokal'skiy" in the Pacific Ocean during the second quarter of 1965. The detectors for measuring the total concentration of charged particles, and the electron concentration are described (see Fig. 1). Curve 2 is the concentration of charged particles of one sign in mid-latitudes at 23 h local time. This differs from previously obtained data (curve 1) by the absence of local extrema. Curve 3 is the concentration of ions near the equator at 14 h 30 m local time. The ratio of electron concentration to ion concentration increased from 30% at 71 km to 90% at 75 km. Curve 4 is the same as curve 3 but at 22 h local time. In this case the electron concentration was less than the instrument sensitivity (5×10^2 electrons/cm³).

Card 1/2

UDC: 551.535.4

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ACC NR: AP6019598

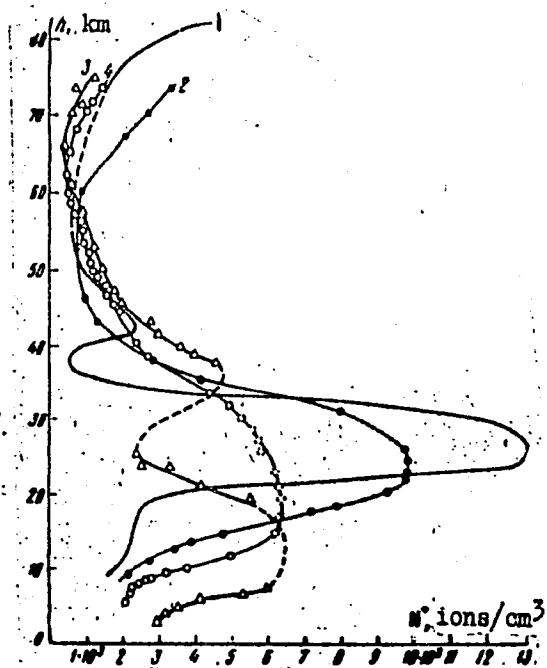


Fig. 1. Variation of ion concentration with altitude.

Orig. art. has: 2 figures and 3 formulas.
Card 2/2 SUB CODE: 04/ SUBM DATE: 07Aug65/ ORIG REF: 002/ ATD PRESS: 5039^[04]

BOBROV, V.P.; BRAGIN, Yu.N. [Brahin, IU.N.]; BUTSYK, Yu.V.; LEVENSHTEYN, M.L.;
SOKOLOV, V.A.; YUDEL'SON, A.A.

Find of potassium salt in the Donets Basin. Geol. zhur. 24
no.4:107-108 '64. (MIRA 18:2)

1. Trest "Artemgeologiya".

BRAGIN, Yu.N.

Triassic bentonites in the Donets Basin. Lit. i pol. iskor.
no. 3:91-95 My-Je '65.

(MIRA 18:10)

1. Trest "Artemgeologiya" i Artemovskaya kompleksnaya geologorav-
vedochnaya ekspeditsiya, Artemovsk.

RAVIKOVICH, I.M.; BRAGIN, Yu.S.; KHUDOROZHKOY, I.P.; MAYZEL', G.M.; STARIKOV,
M.A.; GROSHEV, M.Ya.; BUTIVCHENKO, V.N.; Prinimali uchastiye:
ANTOSHECHKIN, M.P.; MARKOV, V.N.; CHEKH, N.A.; OBUKHOVA, E.N.;
VOZZHAYEV, A.S.

Production of ferrovanadium sinter at the Lebyazh'ye sintering
plant. Stal' 25 no.6:484-486 Je '65. (MIRA 18:6)

1. Nizhne-Tagil'skiy metallurgicheskiy kombinat.

IVANCOV, D. A.: BRAGIN, YU. V.

Aneurism

Clinical picture of dissecting aneurysm of the aorta. Terap. arkh. 24 No. 3, 1952.

2

9. Monthly List of Russian Accessions, Library of Congress, November 1957. Unclassified.

BRAGINA, A. A., VINOGRADOV, BARANOV, V. I., ALIMARIN, I. N., LAVRUKHINA, A. K.,
BARANOVA, T. V., FAVILOVSKAYA, F. I., and YAKOVLEV, Yu. V.

"Radiochemical Study of the Fission Products of Bi, Th, and U U on
Bombardment With 480-Mev Protons".

Report appearing in 1st Volume of "Session of The Academy of Sciences
USSR on the Peaceful Use of Atomic Energy, 1-5 July 1955", Publishing House of
Academy of Sciences USSR, 1955.

SOI. Sum 728, 28 Nov 1955

BRAGINA, A.A.

PLEASE DO NOT EXPLOITATION

SOV/MAIS

Akademicheskaya promst. Katalog po metallicheskoye issledovaniy

Metody opredeleniya sifologii v chistosti metallicheskikh (metodov opredeleniya sifologii v pure metals) Moscow, 1960. All p. (Series: Iss. Trudy, 12) 5,500 copies printed.

Resp. Ed.: A.P. Vinogradov. Academician, and D.I. Ponomariov, Doctor of Chemical Sciences; Ed. of Publishing House: N.F. Volynets; Tech. Ed.: T.V. Polyakova.

PURPOSE: This collection of articles is intended for chemists, metallurgists, and engineers.

CONTENTS: The articles describe methods for detecting and determining various admixtures and their traces in pure metals. Also discussed are many chemical, non-destructive, electrochemical, spectrochemical and luminescence methods of analyzing materials on high purity. The editors state that these methods have been developed within the last five or six years by various Soviet scientific institutes, and are now widely used in research and factory laboratories of the Soviet Union. No personalities are mentioned. References, mostly Soviet, accompanying each article.

Alferov, M., P. S. Chernov, E.S. Shabotova, and O.B. Filimonov. Determination of the Oxygen and Nitrogen Content in Solid Samples of Polyvalent Compounds by the Spectral Method 289

Makarova, Z.G., A.L. Pribilova, and I.A. Shevchenko. Determination of Trace Elements in Tin, Bismuth and Tin-Cadmium and in Tin-Alloys 299

Nikitina, T.O. Determination of Admixtures of Antimony in Pure Cadmium and in Tin-Alloys 311

Peres, G.R. Spectral Determination of Admixtures of Bismuth, Cadmium, Zinc, Lead and Antimony in Chemical Substances 314

Rudnitskii, I.M., G.M. Perel'man, and I.P. Vinogradov. Spectrochemical Method of Determining Admixtures of Bismuth, Cadmium, Tin, Zinc, and Antimony in Chromium Alloys 317

Savchenko, V.Z., and N.M. Pustovit'ev. Application of Activated Acidic Oxide Additives to Determine Small Quantities of Sodium, Calcium, and Magnesium in Metallic Radiation and Corrosion 322

Kazakov, A.O., S.N. Pogorelov, P.M. Sivchenko, and V.M. Lazareva. Determination of Admixtures in Beryllium and Beryllium Oxide 332

Kolobova, N.P., and Z.M. Turzhitsa. Determination of Oxygen in Metallic Beryllium 341

Arzamasov, F.T., Yu.G. Buzunov, V.I. Lopatin, N.Y. Makogon, A.P. Vinogradov, and P.P. Pechkov. Luminescence Method for the Quantitative Determination of Cadmium in Metallic Beryllium 348

Mishchenko, O.I., M.P. Gorbunova, K.M. Sushkova, and A.V. Abramov. Spectroscopic Methods of Metal Alloys to Determine Their Basic Components and Additives 355

Sovetski, D.M., and I.S. Silova. Spectral Analysis of High-Purity Nickel 365

El'magis, I.M., and A.M. Tsvetkov. Separation of Small Quantities of Cobalt from Large Quantities of Nickel 377

Elyashov, Yu.S., and K.M. Shapiro. Flame Analysis of Nickel-Based Alloys 383

Ivanova, T.V., S.Y. Anisimov, and Yu.G. Baranov. Determination of Small Quantities of Cadmium, Samarium, and Europium in Metallic Thorium 393

AVAILABILITY: Library of Congress

BRAGINA, A.N.

. USSR / Microbiology / Microbes Pathogenic to Humans
and Animals.

F-3

Abs Jour : Ref Zhur - Biol., No 2, 1958, No 5236

Author : Minkevich, I.E., Bragina, A.N., Kapkova, A.G.

Inst : Not given

Title : Endotoxins of Coliform Bacteria

Orig Pub : V sb.: Uslovno-patogen. mikroby i ikh rol' v zabolева-
niyakh alimentarn. proiskhozhdeniya. L., Medgiz, 1955,
5-9

Abstract : A study was conducted on 300 cultures of coliform bacte-
ria isolated from adults, children, and calves, from heal-
thy as well as from suffering from alimentary canal di-
seases. All the strains were related in their cultural,
biochemical and morphological properties to typical *B.*
coli. In 91 cultures, endotoxin (E) was found by a me-

Card : 1/4

USSR / Microbiology. Microbes Pathogenic to Humans and
Animals

F-3

Abs Jour : Ref Zhur - Biol., No 2, 1958, No 5236

cited coincided with the results of tests on mice. The intestinal bacterial cultures, stored for 1-2 years, did not lose the capacity of producing E. Heating of E at 100° for 60 minutes markedly lowered its activity while heating at 100 and 80° for 30 minutes did not change its toxic properties. Freezing at temperatures of -25 to -28° exerted no effect on its toxic properties. Storage of E at 2-4° for 5-6 months lowered its toxicity slightly. In experiments on themselves, the authors showed that taking 110 doses of E lethal to mice exerted no harmful effect. When taking 330 doses lethal to mice, an increased peristalsis, liquid stools, shooting stomach pains and vomiting were observed after 1-2 hours. The painful condition continued for 7-8 hours and was repeated the next day. In immunizing rabbits with E an-

Card : 3/4

' USSR / Microbiology. Microbes Pathogenic to Humans and
Animals.

F-3

Abs Jour : Ref Zhur - Biol., No 2, 1958, No 5236

tisera with an agglutinating titer of 1:15,000 and 1:3,200,
homologous cultures were obtained. A cross-agglutination
with anti-endotoxic sera and heterologous E was rarely ob-
served. A 5-fold immunization of mice by E made them re-
sistant to 3 DLM of homologous E. In heating an anti-en-
dotoxic serum mixed with homologous serum for a period
of two hours at 48°, sizeable flakes were formed. An in-
troduction of this mixture into mice did not cause their
death. In heating of the antiserum with heterologous E
at 48°, no flakes precipitated, and mice given this mix-
ture died.

Card : 4/4

BRAGINA, A. N.

BRAGINA, A. N.: "The etiological role of intestinal bacillus in nutritional toxicoinfection." State Order of Lenin Inst for the Advanced Training of Physicians imeni S. M. Kirov. Leningrad, 1956
(Dissertation for the degree of Candidate in Medical Sciences)

SO: Knizhnaya Letopis', N^o 36, 1956, Moscow,

GUS'KOVA, V.N., starshiy nauchnyy sotrudnik, BRAGINA, A.N., starshiy nauchnyy sotrudnik.

Problem of hygienic characteristics of natural radioactivity of the soil [with summary in English]. Gig. i san. 23 no.10:32-36 0 '58
(MIRA 11:11)

1. Iz Instituta radiatsionnoy gigiyeny Ministerstva zdravookhraneniya RSFSR.

(SOIL,

natural radioactivity, hyg. characteristics (Rus))
(RADIOACTIVITY,
of soil, hyg. characteristics (Rus))

MKRTCHYAN, L.Ye.; BRAGINA, A.N.; ZLOBIN, L.I.

Study of the natural radioactivity of the soil and plant cover of
the Armenian S.S.R. Trudy Erev.med.inst. no.11:145-150 '60.

(MIRA 15:11)

1. Kafedra obshchey gigiyeny Yerevanskogo meditsinskogo instituta
(for Mkrtchyan). 2. Institut radiatsionnoy gigiyeny, Leningrad (for
Zlobin).

(RADIOACTIVITY)

(ARMENIA--PLANTS)

(ARMENIA--SOILS)

MEYTIN, Ya.M.; BRAGINA, A.S.

Using glass reinforced plastic materials in the manufacture of furniture. Bum. i der. prom. no.2:28-32 Ap-Je '63. (MIRA 17:2)

1. Ukrainskiy nauchno-issledovatel'skiy institut mekhanicheskoy obrabotki drevesiny.

METYIN, Ya.M.; BRAGINA, A.S.

Facing materials made from wood fiber and resin adhesives.
Bum. i der. prom. no. 316-10 Jl-S '64.

(MIRA 17:11)

BRAGINA, F. G.; LEEDEV, P. S.

Afforestation

Protective forestation on collective farms of the Sal'skii area. Les i step'4
No. 1, 1952.

9. Monthly List of Russian Accessions, Library of Congress, May 1952
Xxx, Uncl.

BRAGINA, Frida Grigor'yevna; NIKITIN, P.D.; SAVCHENKO-BEL'SKIY, A.A.;
ROZHKOVA, T.D., redaktor; TULUNIN, B.N., redaktor; BALLOD, A.I.,
tekhnicheskiy redaktor

[Growing shelterbelts; techniques and work organization] Vyrashchivaniye polezashchitnykh lesnykh polos; tekhnika i organizatsiya rabot.
Moskva, Gos. izd-vo sel'khoz.lit-ry, 1957. 132 p. (MLRA 10:8)
(Windbreaks, shelterbelts, etc.)

G
BRAGINA, F., kand. ekon. nauk; POPOV, Yu., agronom-ekonomist.

Experience in shelterbelt afforestation. Nauka i pered. op. v
sel'khoz. 8 no. 6:20-21 Je '58. (MIRA 11:6)
(Windbreaks, shelterbelts, etc.)

The influence of chemical compounds on the color of
the corolla of *Gloxinia hybrida*. K. K. Bragina (M.V.
Lomonosov State Univ., Moscow). *Sov. Glavn. Botan.*
Sots. 1955, No. 28, 101-2.—Tests were made with 1%
solns. of $PbCO_3$, $CuSO_4$, $ZnSO_4$, H_3BO_3 , 0.5% KI, and
10% K_2HPO_4 . The first 3 chemicals gave the best results.
 $CuSO_4$ depressed the growth. The highest departure in
coloring the corolla was caused by the KI soln. With
 $ZnSO_4$ the size of the flowers increased. Similar results
were obtained with Aster and Zinnia. J. S. Joffe

BAZILEVSKAYA, N.A.; BRAGINA, K.K.; GRINEV, A.N.; TERENT'YEV, A.P.

New stimulants of plant growth. Vest, Mosk.un. Ser 6: Biol., pochv.
15 no.3:33-46 My-Je '60. (MIRA 13:7)

1. Botanicheskiy sad, laboratoriya spetsial'nogo organicheskogo
sinteza im. S.S. Nametkina i kafedra organicheskoy khimii.
Moskovskogo universiteta.
(Growth promoting substances)

BRAGINA, K.K.; BAZILEVSKAYA, N.A.; KOST, A.N.

Effect of hydrazides and hydrazone on the stimulation of the growth
of plants. Vest. Mosk. un. Ser. 6: Biol., pochv. 16 no.6:37-44
N-D '61. (MIRA 15:1)

1. Botanicheskiy sad i kafedra organicheskoy khimii Moskovskogo
universiteta.

(Hydrazides) (Hydrazone)

BRAGINA, K.K.; KOST, A.N.; BAZILEVSKAYA, N.A.

Effect of γ -keto acids and their derivatives on plants.
Vest. Mosk. un. Ser. 6: Biol., pochv. 17 no.5:27-33
S-Q '62. (MIRA 15:11)

1. Botanicheskiy sad i kafedra organiceskoy khimii
Moskovskogo universiteta.

(Acids, Organic)
(Growth promoting substances)

KOST, A.N.; BRAGINA, K.K.; SHEYMAN, B.M.

Derivatives of melilotic and phloretic acids and their
effect on the growth of plants. Vest. Mosk. un. Ser.
6: Biol., pochv. 17 no.5:34-41 S-0 '62. (MIRA 15:11)

1. Botanicheskiy sad i kafedra organicheskoy khimii
Moskovskogo universiteta.
(Hydrocinnamic acid)
(Growth promoting substances)

IRIKHIMOVICH, A.I., doktor biolog. nauk, otd.red.; YAROSHENKO, M.F.
doktor biolog. nauk, red.; BURNASHEV, M.S., kand.biolog.nauk,
red.; BRAGINA, L.F., red.; MANDEL'BAUM, M.Ye., tekhn.red.

[Materials of the Scientific Industrial Conference on Problems
of Fishery Management in the Moldavian S.S.R.] Materialy Res-
publikanskogo nauchno-proizvodstvennogo soveshchaniia po vop-
rosam rybnogo khoziaystva Moldavskoi SSR. Kishinev, Izd-vo
"Shtiintsa" Moldavskogo filiala Akad. nauk SSSR, 1960. 79 p.
(MIRA 14:5)

1. Respublikanskoye nauchno-proizvodstvennoye soveshchaniye po
voprosam rybnogo khoziaystva Moldavskoy SSR. Kishinev, 1958.
2. Institut biologii Moldavskogo filiala AM SSSR (for Irikhi-
movich, Yaroshenko) 3. Kishinevskiy gosudarstvennyy universi-
tet (for Burnashev)
(Moldavia--Fisheries--Congresses)

KHOLODENKO, Bella Grigor'yevna; LEONT'YEV, Petr Viktorovich; BRAGINA,
L.F., red.; LEDVICH, M.M., tekhn. red.

[Tree species for landscaping in Moldavia and landscape composition
of parks and gardens] Drevesnye porody dlia ozelenenija
Moldavii i kompozitsiia zelenykh nasazhdenii. Kishinev, Izd-vo
"Shtiintsa" Akad. nauk Moldavskoi SSR, 1962. 127 p.

(MIRA 15:6)
(Moldavia—Landscape gardening)

GANCHEVA, Lidiya Afanas'yevna; BRAGINA, L.F., red.; MANDEL'BAUM, M.Ye.,
tekhn. red.

[Indices of proportions in the national economy] Voprosy chislo-
vogo izmerenija narodnokhoziaistvennykh proportsii. Kishinev,
Izd-vo "Shtiintsa" Moldavskogo filiala Akad. nauk SSSR, 1960.
54 p. (MIRA 16:2)
(Russia--Economic policy) (Index numbers (Economics))

FEDOTOV, Viktor Semenovich; PANIN, V.Ya., red.; BRAGINA, L.F., red.;
POLONSKIY, S.A., tekhn. red.

[Terracing slopes for orchards and vineyards in Moldavia]Ter-
rasirovanie sklonov pod sady i vinogradniki v Moldavii. Kishi-
nev, Izd-vo "Shtiintsa," 1961. 174 p. (MIRA 16:2)
(Moldavia—Terracing) (Moldavia—Fruit culture)

BONDAR', Yelena Mikhaylovna; BRAGINA, L.F., red.; ZAYONTS, L.A.,
tekhn. red.

[Possibility of cultivating the most frost resistant European
grape varieties in Moldavia without covering them in winter]
O vozmozhnosti kul'tury naibolee morozoustoichivykh sorotv
evropeiskogo vinograda v Moldavii bez ukrytiia na zimu. Ki-
shinev, Izd-vo "Shtiintsa," 1961. 73 p. (MIRA 16:2)
(Moldavia--Viticulture)

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206720009-5

DOROKHOV, Lazar' Mikhaylovich, prof., doktor biol. nauk; BRAGINA,
L.F., red.; POLONSKIY, S.A., tekhn. red.

[Life of farm plants] Zhizn' sel'skokhoziaistvennykh ra-
stenii. 2., perer. i dop. izd. Kishinev, Izd-vo "Shtiintsa,"
1962. 277 p. (MIRA 16:7)
(Plant physiology) (Plants, Cultivated)

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206720009-5"

BRAGINA, L.K.

Roentgenomorphological study of the common carotid artery in patients with disorders of the brain blood supply and its significance in clinical practice. Zhur. nerv. i psikh. 60 no. 12:1594-1597 '60. (MIRA 14:4)

1. Institut nervologii (dir. - prof. N.V. Konovalov) AMN SSSR, Moskva.
(CAROTID ARTERY--RAPIDOGRAPHY) (BRAIN--BLOOD SUPPLY)

BRAGINA, L. K.

Clinical X-ray correlations in arteriosclerosis of the extra-
and intracranial vessels. Nauch. trudy Inst. nevr. AMN SSSR no.1:
133-143 '60.
(MIRA 15:7)

1. Institut nevrologii AMN SSSR.

(CEREBRAL ARTERIOSCLEROSIS) (ANGIOGRAPHY)

SHMIDT, Ye.V.; VERESHCHAGIN, N.V.; KOLTOVER, A.N.; BRAGINA, L.K.

Role of the pathological sinuosity of the carotid and vertebral arteries in disorders of cerebral circulation. Zhur.nevr.i psikh. 62 no.8:1149-1159 Ag '62. (MIRA 15:12)

1. Institut nevrologii (dir. - prof. N.V.Konovalov) AMN SSSR,
Moskva.

(CEREBROVASCULAR DISEASE)(VERTEBRAL ARTERY--DISEASES)
(CAROTID ARTERY--DISEASES)

ARAVIYSKIY, A.N.; BRAGINA, L.M.

Pemphigoid fixed sulfonamide erythema. Vest. vener., Moskva no.2:16-17
Mar-Apr 1953. (CIML 24:3)

1. Professor. 2. Of the Clinic for Skin and Venereal Diseases (Head -- Prof. A. N. Araviyskiy), Stalino Institute for the Advanced Training of Physicians imeni A. A. Bogolepov.

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206720009-5

BRAGINA, L. M., Cand Med Sci -- (diss) "Fixated sulfanilamide erythema. (Problems of the clinical aspect and of pathogenesis)." Stalinsk, 1960. 32 pp; (Stalinskiy Inst for Advanced Training of Physicians); 250 copies; price not given; (KL, 25-60, 138)

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206720009-5"

BKAGINA, L.M., kand. med. nauk

Pemnigoid toxidermia from the use of iodine. Vest. Derm. i
ven. 37 no.9:79-80 S '63. (VIR 17:6)

I. Kafedra kozhnykh i venericheskikh bolezney (zav. dr. dozent
V. Ya. Nekachalov) Novokuznetskogo gosudarstvennogo instituta
usovershenstvovaniya vr chay.

RUZHENTSEVA, A.K.; TUBINA, I.S.; BRAGINA, L.N.

Quantitative determination of chloral hydrate 1-hydrazinephthalazine
(apressin). Med.prom. 14 no.11:34-36 N '60. (MIRA.13:11)

1. Vsescyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy
institut imeni S.Ordzhonikidze.
(PHTHALAZINE)

MERLIS, V.M.; BRAGINA, L.N.

Rapid method for determining admixtures of monoethylacetate in
diethylacetate. Med. prom. SSSR 14 no.12:40-43 D '60.

(MIRA 13:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy
institut imeni S. Ordzhonikidze.
(ACETATES)

BRAGINA, M. N.

PHASE I BOOK EXPLOITATION

sov/4592

Moscow. Gosudarstvennyy nauchno-issledovatel'skiy institut plasticheskikh mass

Issledovaniya v oblasti termoreaktivnykh plastmass (Investigations in the Field of Thermosetting Plastics) Moscow, Goskhimizdat, 1959. 98 p.
Errata slip inserted. 1,000 copies printed.

Sponsoring Agencies: Gosudarstvennyy komitet Soveta Ministrov SSSR po khimii; Gosudarstvennyy nauchno-issledovatel'skiy institut plasticheskikh mass.

Ed.: V. M. Yur'yev; Tech. Ed.: Ye. G. Shpak.

PURPOSE: This book is intended for chemical engineers and technicians, and research chemists interested in thermosetting plastics.

COVERAGE: The collection contains 11 articles which reflect some Soviet efforts and achievements in synthesizing plastics with special physicochemical properties, i.e., water-, acid-, heat-, and arc-resistance. No personalities are mentioned. References given are mainly Soviet and English, with several

Card 1/3

UTYANSKIY, Z.S.; BRAGINA, M.N.

Molding compositions with wood filler having high electric insulation properties. Plast.massy no.6:11-13 '61. (MIRA 14:5)
(Resins, Synthetic) (Electric insulation and insulators)

S/191/62/000/008/004/013
B124/B180

AUTHORS: Utyanskiy, Z. S., Bragina, M. N.

TITLE: Dielectric properties of the BH₇ (VNP) molding compound

PERIODICAL: Plasticheskiye massy, no. 8, 1962, 17-18

TEXT: With phenol alcohol-impregnated wood dust as filler, the stability of the volume resistivity of molding powder based on a novolac and the resol resin which was described earlier in this journal (no. 6, 1961) is similar to that of K-214-43 (K-214-43) and ОФПМ-296 (OFPM-296) containing combined fillers of organic and mineral types at elevated temperatures. When stored in distilled water however, ϵ and tan δ , and the volume and surface resistivities have much higher stability than the other existing electroinsulating molding compounds. The increased plasticity of the VNP material which compensates the internal stresses, is of great importance for the injection molding of highly reinforced products. Its linear coefficient of expansion α is $25 \cdot 10^{-6}$ from -40 - +20°C, and $47.5 \cdot 10^{-6}$ from 20 - 140°C. The tests were carried out at the NIIAvtopriborov (Scientific Research Institute of Automobile Equipment) under supervision of S. I.

Card 1/2

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206720009-5

Dielectric properties of the ...

S/191/62/000/008/004/013
B124/B180

Kudryashov and Z. A. Shchegoleva. There are 6 figures.

✓

Card 2/2

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CIA-RDP86-00513R000206720009-5"

MANUKYAN, A.A.; GLUSHKOV, V.P.; SHVEDKOVA, V.M.; SVIRIDOVA, Z.P.; CHEBOTAREVA, Ye.A.; SHUMILIN, V.I.; PUDINA, K.V.; BRAGINA, N.M.; LUTSKAYA, Ye.Ye.; KODACHENKO, A.S.; KOSOVA, V.A.; MOKLYARSKIY, B.I.; GRECHIKHIN, A.A.; KULIKOV, N.I.; RYDVANOV, N.F.; BEL'CHUK, A.I.; VINTSER, Yu.I.; ROZENTAL', Ye.I.; BELOUS, T.Ya.; SIDOROV, V.F.; ZHDANOVA, L.P.; ALEKSANDROVSKAYA, L.I.; KOVAL', V.V.; KHAVINSON, Ya.S., glavnnyy red.; SOKOLOV, I.A., zam.glavnogo red.; ALEKSEYEV, A.M., red.; ARZUMANIAN, A.A., red.; BELYAKOV, A.S., red.; BECHIN, A.I., red.; VARGA, Ye.S., red.; LEMIN, I.M., red.; LYUBIMOVA, V.V., red.; SKOROV, G.Ye., red. V redaktyrovaniyu uchastvovali: SHAPIRO, A.I., red.; TATISHCHEV, S.I.. KOVRIGINA, Ye., tekhn.red.

[Economic conditions of capitalistic countries; review of business conditions for 1958 and the beginning of 1959] Ekonomicheskoe polozhenie kapitalisticheskikh stran; kon'yunktturnyi obzor za 1958 g. i nachalo 1959 g. Moskva, Izd-vo "Pravda," 1959. 127 p. (Prilozhenie k zhurnalu "Mirovaya ekonomika i mezhdunarodnye otnoshenia," no.8, avgust 1959 g.) (MIRA 12:9)

1. Akademiya nauk SSSR. Institut mirovoy ekonomiki i mezhdunarodnykh otnosheniy. 2. Kollektiv sotrudnikov kon'yunktturnogo sektora Instituta mirovoy ekonomiki i mezhdunarodnykh otnosheniy AN SSSR (for Glushkov, Shvedkova, Sviridova, Chebotareva, Shumilin, Pudina, Bragina, Lutskaya, Kodachenko, Kosova, Moklyarskiy, Grechikhin, Kulikov, Rydvakov, Bel'chuk, Vintser, Rozental', Belous, Sidorov, Zhdanova, Aleksandrovskaya, Koval'). (Economic conditions)

MANUKYAN, A.A.; RYDVANOV, N.F.; BELOUS, T.Ya.; SVIRIDOV, Z.P.; CHEBOTAREVA,
Ye.A.; SHUMILIN, V.I.; PUDINA, K.V.; LUTSKAYA, Ye.Ye.; BRAGINA,
N.M.; SANDAKOV, V.A.; MUSSO, S.; ZABLOTSAYA, A.I.; VDOVICHENKO,
D.I.; MIRKINA, I.Z.; MORENO, I.; SIDOROV, V.F.; MOKLYARSKIY, B.I.;
GRECHIKHIN, A.A.; KOSOVA, V.A.; KULIKOV, N.I.; ZHDANOVA, L.P.;
ROZENTAL', Ye.I.; PETRANOVICH, I.M.

[Economic conditions of capitalist countries; survey of economic
trends in 1961 and the beginning of 1962] Ekonomicheskoe polo-
zhenie kapitalisticheskikh stran; kon'yunktturnyi obzor za 1961 g.
i nachalo 1962. g. Moskva, Izd-vo "Pravda," 1962. 157 p.
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1. Sotrudniki kon'yunktturnogo sektora Instituta mirovoy eko-
nomiki i mezhdunarodnykh otnosheniy AN SSSR.
(Economic history)

GRAGINA, N. N.

"Vascular Reflexes in Hypertension." Cand Med Sci, Second Moscow Medical Inst, Moscow, 1954. (Zh Biol, No 4, Feb 55)

SO: Sum. No. 631, 26 Aug 55 - Survey of Scientific and Technical Dissertation Defended at USSR Higher Educational Institutions.
(14)

BRAGINA, N.N., kandidat meditsinskikh nauk

Vascular reflexes in hypertension. Terap.arkh. 28 no.4:23-28 '56.
(MIRA 9:9)

1. Iz kafedry nervnykh bolezney (zav.-deystvitel'nyy chlen AMN SSSR
prof. A.M.Grinshteyn) II Moskovskogo meditsinskogo instituta imeni
I.V.Stalina.

(HYPERTENSION. physiol.

cerebral vasc. reflexes, determ. method)

(BRAIN, blood supply

vasc. reflexes in hypertension, determ. method)

BRAGINA, N.N.

Study on vascular tone of the carotid arteries in brain tumors,
Vop. neirokhir 24 no. 2:19-24 Mr-Sp '60. (MIRA 14:1)
(BRAIN-TUMORS) (CAROTID ARTERY)

BRAGINA, N.N., kand.med.nauk

Epileptic seizures in tumors of the motor areas. Probl.sovr.
neirokhir. 4:169-176 '62. (MIRA 16:2)
(BRAIN—TUMORS) (EPILEPSY)

BOLDYREVA, G.N.; BRAGINA, N.N.; PUCHINSKAYA, L.M.

Clinical electrophysiological correlation in focal lesion of
the motor analyzer on the cortical and subcortical level.
Zhur. nevr. i psikh. 65 no.1:61-66 '65. (MIRA 18:2)

1. Nauchno-issledovatel'skiy ordena Trudovogo Krasnogo Znameni
institut nevrokhirurgii im. N.N. Burdenko AMN SSSR i Institut
vysshey nervnoy deyatelnosti i neyrofiziologii AN SSSR, Moskva.

SOV/58-59-5-11878

Translation from: Referativnyy Zhurnal Fizika, 1959, Nr 5, p 281 (USSR)

AUTHORS: Pisarev, V.D., Kornilov, A.V., Kostrova, Z.P., Bragina, T.D.

TITLE: Spectral Analysis of Tin Slags

PERIODICAL: Tr. Sibirsk, fiz.-tekhn, in-ta pri Tomskom un-te, 1958, Nr 36, pp 269-272

ABSTRACT: The authors describe a spectrographic method of analyzing tin slags, samples of which have been solubilized. They used an ISP-22 spectrograph and an IT-2 generator as the excitation source. The divergence from the results of chemical analysis is characterized by a mean arithmetical error of 3.2 - 7.5%. 

Card 1/1

TIMOFEEVA, G.I.; PAVLOVA, S.A.; KORSHAK, V.V.; Prinimala uchastiye: BRAGINA,
T.P., laborant

Effect of the method of synthesis on the structure of polyarylate
molecules based on 2,2-bis-(4-hydroxyphenyl)propane and isophthalic
acid. Vysokom.sosed. 7 no. 7:1208-1213 Jl '65.

(MIRA 18:8)

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BRAGINA, V.A. (Moskva)

Treating diseases of the hands of milkmaids by a new physio-
therapeutic method. Fel'd. i skush. 22 no.7:17-22 Jl '57.
(PHYSICAL THERAPY) (MIRA 10:11)
(HAND--DISEASES)
(MILKING--HYGIENIC ASPECTS)

BRAGINA, V.A. (Moskva)

Changes in the capillary circulation of milkmaids during milking.
Gig.truda i prof.zab. 3 no.4:48-50 Jl-Ag '59. (MIRA 12:11)

1. Institut gigiyeny truda i profzabolevaniy AMN SSSR.
(HAND--BLOOD SUPPLY)
(MILKING)

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BRAGINA, V.A. (Moskva)

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Mys '60.

(MIRA 13:9)

(PNEUMATIC TOOLS—HYGIENIC ASPECTS)
(INSULATION (HEAT))

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Data from a study of arterial pressure in the finger with Serkin's
oscillometer. Gig.truda i prof.zab. no.11:49-51 '61.
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1. Institut gigiyeny truda i profzabolevaniy AMN SSSR.
(BLOOD PRESSURE) (FINGER)

BRAGINA, V.A.; MAZUNINA, G.N.

Therapeutic importance of baths by Hauffe's method in some occupational diseases of the hands. Vop. kur., fizioter. i lech. fiz. kult'. 30 no. 3: 219-223. My-Je '65.

(MIRA 18:12)

1. Nevrologicheskoye otdeleniye. (zav.-prof. E.A. Drogichina) kliniki (zav.-prof. K.P. Malokanov) Instituta gigiyeny truda i professional'nykh zabolеваний (direktor - deystvitel'nyy chlen AMN SSSR prof. A.A. Letavet) AMN SSSR, Moskva. Submitted April 16, 1964.

LOGINOV, V.P., kand.med.nauk; NAGAROV, K.I., kand.med.nauk; BRAGINA, V.S.

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(MIRA 18:10)

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5 no.8:12-15 '62. (MIRA 15:7)
(Machinery industry—Labor productivity)

BRAGINA, Ye.; UL'RIKH, O.; LEVKOVSKIY, A.I., otv. red.; MOISEYEV, P.P.,
otv. red.; FEDYUSHOVA, V.N., red. izd-va; YAZLOVSKAYA, E.Sh.,
tekhn. red.

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научных знаний. Сер. 3, №.39) (MIRA 11:2)
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countries of Asia (India, Indonesia and Burma)] Problemy in-
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Indoneziia, Birma). Moskva, Izd-vo Akad.nauk SSSR, 1960.
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436 p.

1. Akademiya nauk SSSR. Institut mirovoy ekonomiki i mezhdu-
narodnykh otnosheniy. 2. Sektor stran Yugo-Vostochnoy Azii
i Dal'nego Vostoka Instituta mirovoy ekonomiki i mezhdu-
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Z.N., tekhn. red.

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